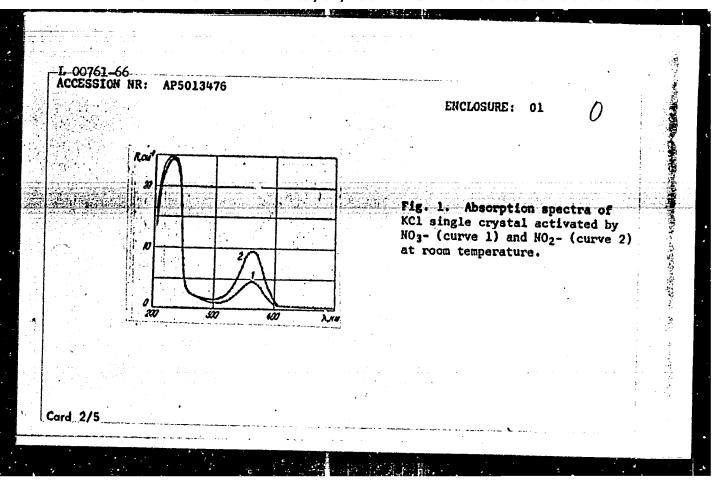
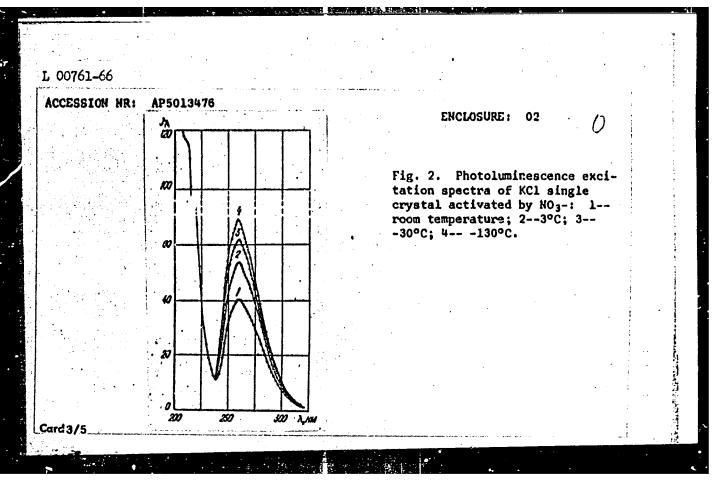
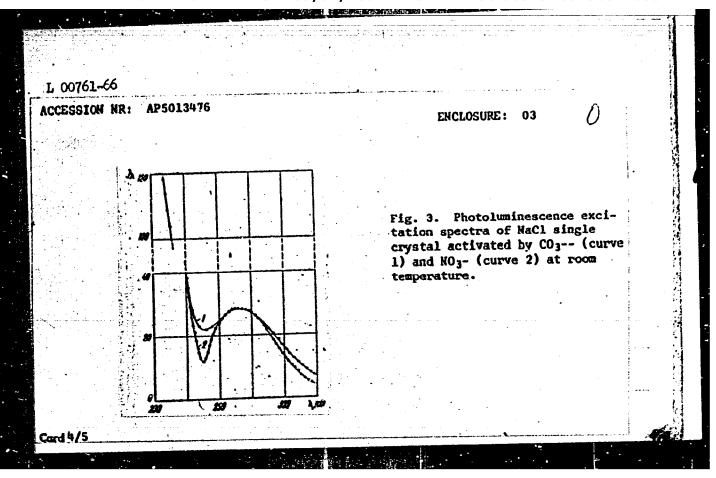
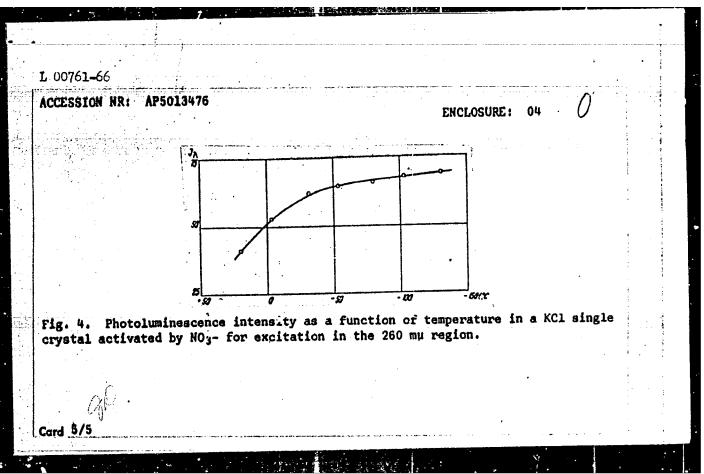
L = 00761-66 - EVT(1)/EVT(m)/EVF(t)/EVP(b) - IJF(c) - JDACCESSION NR: AP5013476 UR/0185/65/010/005/0538/0542 AUTHOR: Vyshnevs'kyy, V. N. (Vishnevskiy, V. N.); Pidzyraylo, N. S.) TITLE: Photoluminescence excitation spectra of NaCl and KCl single crystals activated by oxygen-containing impurities SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 10, no. 5, 1965, 538-542 TOPIC TAGS: photoluminescence single crystal, excitation spectrum, absorption spectrum, sodium chloride, potass'um chloride, crystal impurity ABSTRACT: Photoluminescence excitation spectra were studied in NaCl and KCl single crystals activated by CO3, NG3 and NO2 impurity ions. The study was made in the -130 to +120°C temperature range. The activating ion content varied from 0.01 to 5 wt. %. The absorption spectra of the specimens were taken. It was found that the excitation spectra of these crystals are made up of two bands: 200-215 mu and 260-165 mu. The possible nature of these bands is discussed. Orig. art. has: 4 figures. ASSOCIATION: L'vivs'kyy derzhuniversytet im. Iv. Franka (L'vov State University) SUBMITTED: 29Jun64 ENCL: 04 SUB CODE: SS, OP NO REF SOV: OTHER: . 009









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VISHNEVSKIY, V.N. [Vyshnevs'kyi, V.N.]; VUS, Ya.M.; KULIK, L.N. [Kulyk. L.M.]; MARCHUK, Ye.P. [Marchuk, IE.P.]; ROMANYUK, N.A. [Romaniuk, M.O.]

Reflection spectra in the vacuum region of the spectrum.
Ukr. fiz. zhur. 10 no.2:222-223 F '65. (MIRA 18:4)

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BRILINSKIY, M.I. [Brylyns'kyi, M.I.]; VISHNEVSKIY, V.N. [Vyshnevs'kyi, V.N.];
PIDZYRAYLO, N.S. [Pidzyrailo, M.S.]; SOLOV'IEVA, Yu.N. [Soloviova, IU.M.]

Absorption capacity of synthetic rubies in the region of a resonance doublet. Ukr. fiz. zhur. 10 no.4:427-431 Ap '65.

(MINA 18:5)

1. L'vovskiy gosudarstvennyy universitet im. Iv. Franko.

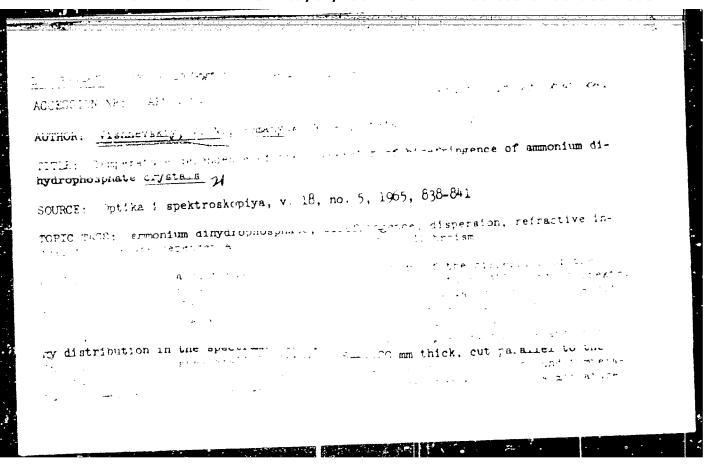
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VISHNEVSKIY, V.N.; PIDZYRAYIO, N.S.; SOLOV'YEVA, Yu.N.

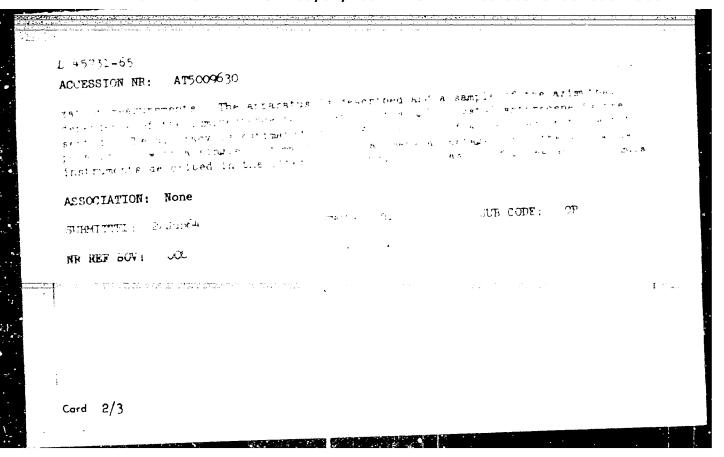
Temperature dependence of the absorption capacity of synthetic ruby pin the region of a resonance doublet. Opt. i spektr. 12 no.3:517-520 Mr '65.

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L 45731-65 EWT(1)/EWA(h) Peb 35 UR/0000/64/000/000/0091/0094 ACCESSION NR: AT5009630 AUTHOR: Vyshnevs'kyy, V. N. (Vishnevskiy, V. R.); Shibystyy, O. M. (Shibistyy, A. N.) The Photor octric polarimeter 1-+1 SUPPOSE <u>Lvov. Universytet</u>. Pytannya fizyky tverdoho tila (Problems in solid TOPIC TAGS: luminescence, light yield, luminescence anisotropy, pustization measurement, photoelectric polarimeter The second of the second of ក្រុម នេះ នេះ និង ខេត្ត ការិក្សាស្វែង និង និង និង ការិក្សាក្សាក្សាក្សាក្សា និង និង និង និង និង និង និង និង និង ការាក្រុម The state of the s grande de la companya La companya de la co Tier W. mast er tyates with 1 OF J' TKI RET!



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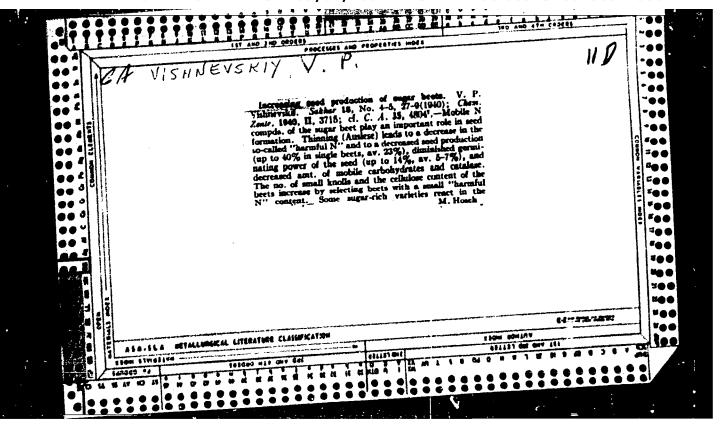
VISHNEVSKIY, V.N. [Vyshnevs'kyi, V.N.]; GNYP, R.G. [Hnyp, R.H.];

STEFANSKIY, I.V. [Stefans'kyi, I.V.]

Temperature dependence of the refractive capacity of NaI--Tl single crystals. Ukr. fiz. zhur. 9 no.8:867-869 Ag 164.

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1. Sovkhoz "Mikhaylovskiy pereval".

(Krasnodar Territory--State farms)

(Fruit culture)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860110002-2"

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USSR/Cultivated Plants - Fruits. Berries.

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Abs Jour : Ref Zhur Biol., No 12, 1958, 53778

Author

: Vishnevskiy, V.P.

Inst

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Title

: Orchard Irrigation

Orig Pub

: Sad i ogorod, 1956, No 5, 55-58

Abstract

: On the basis of experimentation made by the Dagestan Canning Trust, a new system of orchard irrigation is recommended. The irrigation furrows are cut with a five-gang P-5-35 plow with the 2 and fourth gangs removed. Along with this, the mineral fertilizers and animal manure can be applied simultaneously. After watering, the cut furrows are disked across with a garden disk

harrow. -- K.P. Garina

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Tomato culture on the "Horodnyi Veleten'" state farm. Kons. i ov. prom. 14 no.6:32-35 Je '59. (MIRA 12:8)

1. Khersonskoye oblastnoye upravleniye sel'skogo khozyaystva.

(Kherson Economic Region—Tomatoes)

VISHNEVSKIY, V. P.

V. P. Vishnevskiy, "The Quality of Catalase in the Beet Root, and the Resistance of Sugar Beets to Botrytis cineraa during Storage," Biokhimia, vol. 5, no. 4, 1940, pp. 408-416. 385 B:23

SO: Sira Si 90-53, 15 Dec 1953

Biochemical Lab., Ivanov Sellection Station Ukr SSR.

NORDRN, A.P.; VISHNEVSKIY, V.V.

Complex representation of invariants of a four-dimensional Riemann space. Izv. vys.uch'sb. zav.; mat. no.2:176-182 '59.

(MIRA 12:5)

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(Calculus of tensors)

- 1. KIRICHENKO, F. G. : IL'ICHYEVA, N. V. : VISHNEVSKIY, V. V.
- 2. USSR (600)
- 3. Wheat Ukraine
- 4. Selection of wheat varieties for irrigation conditions in the southern Ukraine. Sel. i sem. 20 No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Unclassified.

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30V/2384	Konferentsiya po agrometeorologii i agroklimatologii Ukrainskoy SSR	Materialy konferentail (Material of the Conference on Agricultural Mateorology and Climatology of the Udrainian SSR) Leningrad, Oddressestedizdat, 1958. 247 p. Errab alip inserted. 700 copies printed.	Sponsoring Agencies: URSN. Glawnoye upravlenty gidrometeorologich- elekoy alumby, Ukrainian SM. Ministerstvo sel's skopo khozyestva, Ukrainistiy naunino-iseledovatel'shiy gidrometeorologicheskiy in- estitut, and Ukrainskaya akademiy sel'skokhozyaystvennykh nauk.	i.	-o10-c	ERACE: This collection of articles deals with problems in agri- cultural mateorology in the Ucrains. Among the topics discursed	are: wintering, planting time for winter crops, corn cultivation, potato degeneration, moisture supply, and adverse weather factors. References accompany individual articles.	#862/AO#	-	• for se of	Buchinskiv, I. Ye. (Urrainism Scientavic Research Fydromet, Institute) Climatic Study of Sukhoveys (Dry Winds) in the Urraine	tute	Vet 151			.29. Shakinovich, A.V. [Ubrainian Scientific Research Rydroset, Institute] Microclimatic Study of Ugrainian Poothilla 176	tailed 182	thods 185	393	ž	Ey.	1 0 T		
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MOROZOV, Nikolay Viktorovich, doktor tekhn. nauk; ARBUZOV, Nikolay
Terent'yevich, kand. tekhn. nauk; GRCMOV, Vasiliy Lukich
kand. tekhn. nauk [deceased]; KALISHUK, Aleksandr
Luk'yanovich, kand. tekhn. nauk; KURMATOV, Dmitriy
Ivanovich, kand. tekhn. nauk; PILYUGIN, Mikhail Semenovich,
kand. tekhn. nauk; KHUTORYANSKIY, Aleksandr Abramovich,
kand. tekhn. nauk; SHERENTSIS, Aleksandr Abramovich, kand.
tekhn. nauk; LAVRIK, Gennadiy Ivanovich, arkh. MALERA,
Georgiy Il'ich, inzh.; PINSKIY Ye'im Aronovich, inzh.;
SHKIYAR, Aleksandr Samoylovich, inzh.; BERGER, K.V., red.;
VISHNEVYY, V.V., red.; ISHCHENKO, N.S., red.

[Manual on civil engineering] Spravochnik po grazhdanskomu stroitel'stvu. Izd.5., perer. i dop. Kiev, Eudivel'nyk, 1965. 2 v. (MIRA 18:2)

## Complex structures of a class of Kähler-Rashevskii spaces. Dokl. AN SSSR 149 no.2:233-236 Mr '63. (MIRA 16:3) 1. Kasanskiy gosudarstvennyy universitet im. V.I.Ul'yanova-Lenina. Predstavleno akademikom A.N.Kolmogorovym. (Spaces, Generalized) (Matrices)

LUKER'IN, Andrey Andrianovich; VISHNEVYY, V.V., red.; HERGER, K.B., red.

[Geodetic tables of coordinate increments, elevations, circular curve elements, and square roots of numbers] Geodezicheskie tablitsy prirashchenii koordinat, prevyshenii, elementov krugovykh krivykh i kvadratnykh kornei iz chisel. Kiev, Budivel'nyk, 1965. 130 p. (MIRA 18:10)

VISHNEVSKIY, V. V., CAND TECH SCI, "INVESTIGATION OF MAGNETIC CIRCUITS OF TELEPHONE AND MINATURE CONTROL RELAYS." LENINGRAD, 1961. (MIN OF COMMUNICATIONS USSR, Clettural Principal Inst of Communications in Prof. Leningrad Electrotechnical Inst of Communications in Prof. M. A. Bonch-Bruyevich). (KL, 3-61, 214).

183

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AUTHORS:

Vishnevskiy, V. V., and Norden, A.P.

507/140-59-2-17/30

TITLE:

On the Complex Representation of the Invariants of a Farge Dimensional/Space (O kompleksnow predstavlenii invariantov

chetyrekhmernogo rimanova prostranstva)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedoniy. Matematika, 1959. Nr 2, pp 176-182 (USSR)

ABSTRACT:

The complex representation of the tensors of the Riemann an space V as it is described in the papers of A.P.Norder Ref 1,27 is used in order to determine the base of a complete second order system of invariants for the  ${\rm V}_4^{}$ . The obtained results in

essential are already contained in the papers of Gehenieu and Debever Ref 3 and P.I.Petrov Ref 47. The present paper, however, gives simpler and clearer formulations of the final results. The consideration is performed for a Riemannian space with the signature 2, but the given invariants remain independent for an arbitrary signature.

There are 4 references, 3 of which are Soviet, and ! Belgian. ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Uliyanova Lenina

(Kazan' State University imeni V.I.Ul'yanov-Lenin) January 17, 1959

SUBMITTED:

Card 1/1

DRANNIKOV, Abram Markovich, prof., doktor geo. -min. nauk;
VISHEVIY, V.V., red.; LEUSHCHENKO, K.L., tekhn. red.

[Engineering geology] Inzhenernaia geologiia. Izd.2.,
dop. i ispr. Kiev, Gosstroiizdat USSR, 1964. 254 p.

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KIRICHENKO, F. G.; IL'ICHEVA, N. V.; VISHHEVSKIY, V. V.

The second secon

Ukraine - Wheat

Selection of wheat varities for irrigation conditions in the southern Ukraine. Sel. i sem. 20, No. 3, 1953.

Monthly List of "ussian Accessions, Library of Congress, June 1953. Unclassified.

VISHNEVSKIY, V.Ju., as orvostudomany kandidatusa(Leningrad)

Cholecystography of a normal gallbladder in a child. Gyermekgyo-gyassat 11 no.3:72-80 Mr '60.

(CHOLECYSTOGRAPHY in inf & child)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860110002-2"

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# VISHREVETSKIY, F.Ye. Application of novocaine block in closed cranial trauna [with summary in English, p.63]. Vop.neirokhir. 22 no.2:32-34 M-Ap '58. (MIRA 11:4) 1. 2-ya Astrakhanskaya oblastnaya klinicheskaya bol'nitsa. (CRAHIUM, wds. & inj. exper., eff. of procaine block in prev. of cardiac compl. (Rus) (ANESTHESIA, REGIONAL, effects, procaine block on exper. cranial inj. in prev. of cardiac compl. (Rus) (HEART DISRASE, experimental, prod. by cranial inj., prev. by procaine block (Rus)

VISHNEVSKIY, Ye.

Behind a monastery wall (to be concluded). Sow. profsoiuxy
18 no.4138-40 F '62. (MIRA 1513)

(Pechora--Monasteries)

VITAL'YEV, N.; BELOBORODOV, V., shturman (Penza); VISHNEVSKIY, Ye. (Baku)

By telephone and telegraph from airplanes. Grazhd.av. 20 no.12:13

D '63. (MIRA 17:2)

WISHNEVSKIY, Ye.

Behind a monastery wall. Sov. profsoiusy 18 no.5:35-37 Mr (MIRA 15:3)

(Pechora—Monasteries)

VISHNEVSKIY, Ye. (g.Severe-Zadonsk, Tul'skoy obl.); TSIOMENKO, V.

(g.Severe-Zadonsk, Tul'skoy obl.)

They take an interest in everything. Sov.shakht. 10 no.12:26

(MIRA 14:12)

(Gommunist Youth League)

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VISHNEVSKIY, Ye. I.

Ye. I. Vishnevskiy and S. L. Gekhtman (Mekhanobr)

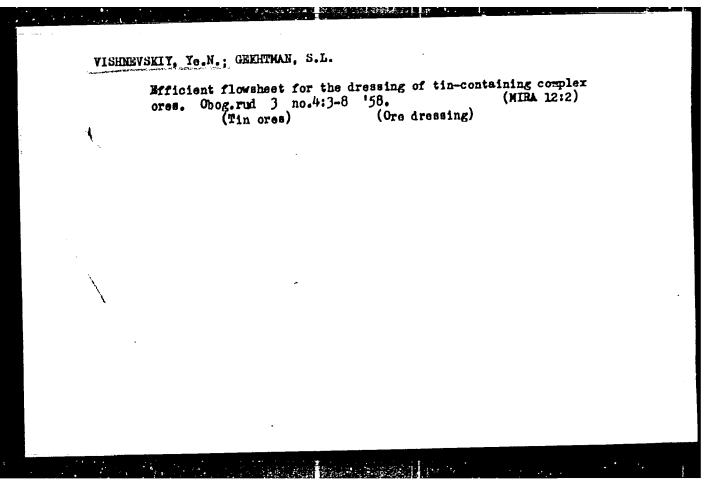
"The beneficiation of cassiterite-containing ores"

report presented at the 4th Scientific and Technical Session of the Mekhanobr Inst, Leningrad, 15-18 July 1958

IZRAITEL', S.A., otv. red.; SKURAT, V.K., otv. red.; ZUBAREV, S.N., otv. red.; MOISEYEV, S.L., otv. red.; ASTAF'YEVA, A.V., kand. tekhn. nauk, red.; VAS'KOVSKIY, Ye.L., red.; VISHNEVSKIY, Ye.L., red.; KRIVTSOV, B.S., red.; KOROTKIN, I.N., red.; MITROFANOV, S.I., doktor tekhn. nauk, red.; NORKIN, V.V., kand. tekhn. nauk, red.; RUDNEV, A.P., red.; SLASTUNOV, V.G., red.; TKACHEV, F.A., red.; RAUKHVARCER, Ye.L., kand. tekhn. nauk, red.; FEOKTISTOV, A.T.[deceased], red.; ZAYTSEV, A.P., red.

[Safety regulations for the dressing and sintering of ferrous and nonferrous metal ores] Pravila bezopasnosti pri obogashchenii i aglomeratsii rud tsvetnykh i chernykh metallov. Moskva, Nedra, 1964. 106 p. (MIRA 18:4)

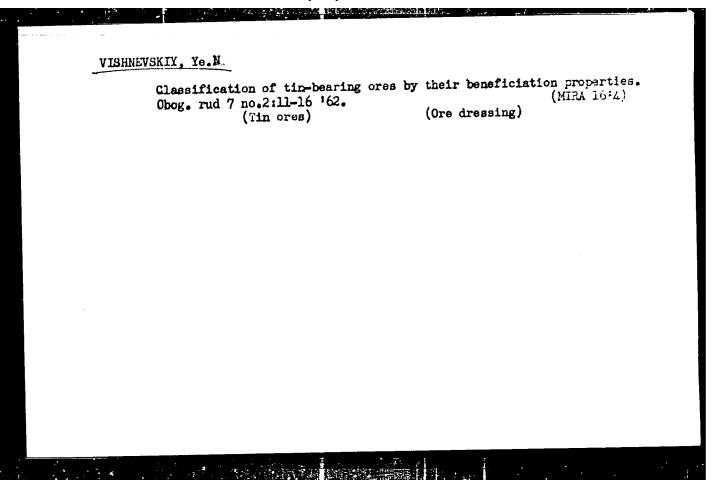
1. Russia (1917- R.S.F.S.R.) Gosudarstvermyy komitet po nadzoru za bezopasnym vedeniyem v promyshlennosti i gornomu nadzoru.



VISHNEVSKIY, Ye.N.; STREL'TSYN, V.G.

Crushing and grinding of stanniferous ores before gravity concentration. Obog. rud 9 no.4:11-17 '64.

(MIRA 18:5)



s/137/62/000/003/039/191 A006/A101

**AUTHORS:** 

Vishnevskiy, Ye. N., Yeskin, S. I.

TITLE:

Combined methods of processing complex oxidized tin-containing ores

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 13, abstract 3088

("Obogashcheniye rud", 1961 no. 2, (32) 10 - 16)

The authors present some preliminary results of investigations on the extraction of Pb, Cu, Zn and Bi from "stable" oxidized Sn-containing ores. The characteristic feature of the ores investigated is the fact that they are in a state of particularly strong decomposition: the clay content attains in individual samples > 50%. The basic component of these ores are Fe and Mn hydroxides and silicates. Laboratory tests show that Cu, Pb and Bi can be successfully separated-out according to methods which include both roasting and flotation of the roasted products. For Cu and Bi reduction roasting is most effective in the presence of small chlorine amounts (reasting time is 20 - 30 minutes, consumption of salt is 0.5 - 1.5%; of coal 1 - 1.5%) for Pb extraction sulfidizing roasting is most suitable (temperature about 800°C, pyrite consumption 10 - 15%). Pb extraction

Card 1/2

Combined methods of processing complex...

S/137/62/000/003/039/191 A006/A101

is 68 - 81% at 36 - 42% content in the concentrate. Cu extraction is 79 - 87% at 20 - 29% content. Sn remains almost fully in the flotation tails.

A. Shmeleva

[Abstracter's note: Complete translation]

Card 2/2

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EWP(q)/EWI(m)/BDS

AFFTC

\$/0271/63/000/007/2034/2035

ACCESSION MR:

AR3005869

Avtomatika, telemekhanika i vy\*chislitel'naya tekhnika, Abs. 7 Bl78

AUTHOR:

Vishnevskiy, Ye. V.; Pyankov, Yu. A.

TITLE: The calculation of oscillating regions in a ferromagnetic film parametron

CITED SOURCE: Sb. Vy\*chisl. sistemy\*. Vy\*p. 2. Novosibirsk, 1962, 24-30

TOPIC TMGS: parametron, ferromagnetic film parametron

TRANSLATION: The calculations were made by means of a system of equations which was reduced to a single differential equation if it is assumed that the winding of the parametron covers the film completely and that losses in the winding and the capacitance of the parametron can be neglected. The equation obtained in this way was solved on an electronic digital computer by Euler's method. A number of the parameters in the equation were varied in the course of the solution. The author presents graphs of the obtained relationships which can be used as guides in solving forromagnetic film parametrons. There are nine illustrations. G. V.

DATE ACQ: 15Aug63

SUB CODE: GE, MM

ENCL: 00

Card 1/1

VISHNEVSKIY, Ye.V.; P'YAMEOU, Tu.A.

Calculation of the areas of oscillations in a parametric with a ferromagnetic film. Vych. sist. nc.2:24-30 '62.

(MIEA 16:2)

VISHNEVSKIY, Ye.Te.

Pulse method for determining the thermal characteristics of moist materials. Trudy NIKFI no.2:73-90 '58.

(Heat--Transmission)

(Heat--Transmission)

# VISHNEVSKIY, Yu.B.

Clinical variations of allergic reactions in children caused by penicallin. Pediatriia no.8:78-83 '62. (MIRA 15:10)

1. Iz kafedry detskikh bolezney Voyenno-meditsinskoy akademii imeni S.M.Kirova (nachal'nik - deystvitel'nyy chlen AMN SSSR prof. M.S.Maslov [deceased] i Okruzhnogo voyennogo gospitalya (nachal'nik N.I.Tarasenko).

(PENICILLIN-TOXICOLOGY)
(ALLERGY)



USSR/Medicine - Physiology

FD-2786

Card 1/1

Pub 154-7/19

Author

: Vishnevskiy, Yu. B.

Title

: Change in the content of bromine in the blood of rheumatic children in relation to disturbances of their higher nervous activity

Periodical

: Zhur. vys. nerv. deyat. 5, 211-218, Mar-Apr 1955

Abstract

: Investigated the variation in the content of bromine in the blood of 33 rheumatic children, ranging in age from 5 1/2 to 15 years, in relation to disturbances in the relationship between the stimulatory and inhibitory processes in the cerebral cortex, at various stages in the development and course of the rheumatic process. Tables; graphs. Five references, all USSR (4 since 1940).

Institution

Submitted

: Chair of Children's Diseases of the Military-Medical Academy imeni S. M. Kirov.

: September 28, 1954

# VISHMEVSKIY, Yu.B., kandidat meditainskikh nauk (Leningrad) Discussion on N.M. Davydov's article, "Prolonged phlebotensimetry and its clinical value in mitral stenosis." Terap. arkh. 27 no.6: (MIRA 9:2) 81-84 '55. (MITRAL STENOSIS, physiology, phlebotonometry)

VISHNE	vski,	Yu.B.	
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	· · · · · · · · · · · · · · · · · · ·		Accumulation of brontino in the blood and its subsequent of elimination in children in dependence on intake of various doses of sodium brontide. Yu. B. Vislunewskii (S. M. Krow Military Med. Acad., Leningrad). Frziei, Zhur. S.S.S.R. 41, 525-31(1955) — Daity administration of NaBr to children at doses above 0.6 g. results in a peaked curve of Br ronco, in the blood, the peak being higher with higher doses; this occurs during the 1-3 days immediately after the initiation of the expt. At very high doses (4-0 g.) the peak is reached somewhat later and the decline is irregular. Individual variations are great. Very long administration of high dose levels usually leads to considerministration of high dose levels usually leads to considerministration of high dose levels usually leads to considering the total energition of Br in the tissues, par-
			ably reduced tendency for Br to accuminate turning the blood, owing possibly to deposition of Br in the tissues, particularly the nervous system.  G. M. Kosolapoff
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# VISHNEVSKIY Yu. B.

True (cross) transposition of the large vessels in children. Vup.

(MIRA 12:12)

okh.mat. i det. 4 no.4:85-88 J1-Ag 159.

1. Iz kafedry detskikh bolezney (nach. - deystvitel nyy chlen AMN SSSR, zasluzhennyy deyatel nauki, prof. M.S. Maslov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova i detskogo otdeleniya (nach. - kand.med.nauk Yu.B. Vishnevskiy) Okruzhnogo voyennogo niya (nach. G.M. Golub).

(CORONARY VESSELS--ABNORMITIES AND DEFORMITIES)

### VISHNEVSKIY, Yu.B., kand.med.nauk

Cholecystographic picture of the normally functioning gall bladder in children. Vop.okh.mat.i det. 4 no.6:33-39 N-D '59.

(MIRA 13:4)

1. Is kafedry detskikh bolezney Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova (nachal'nik - deystvitel'nyy chlen AMN SSSR prof. M.S. Maslov) i okruzhnogo voyennogo gospitalya (nachal'-nik G.M. Golub).

(GALL BLADDER--RADIOGRAPHY)

SOKOLOVA-PONUMERCVA, Oliga Dmitriyevna, prof.; BISYKAINA, Valentina
Pavlovna, prof.; VISHNEVSKYY, Yu.B., red.

[Frescription manual for the pediatrician] Ketsepturnyi
sprayochnik detskogo vracha. 5. izd., perer. i dop.

[Eningrad, heditaina, 1944. 365 p. (MIRA 17:11)

VISHNEVSKIY, Yu.B., kand.med.nauk

Anaphylactic reaction to penicillin. Klin.med. 38 no.3:128-129
(MIRA 16:7)

Mr. 60.

(ANAPHYLAXIS) (PM:ICILLIN—TOXICOLOGY)

A THE REPORT OF THE PROPERTY O

VISHNEVSKIY, Yu.B., kand.med.nauk; KRINITSKIY, A.F.

Clinical evaluation of the various methods of studying gastric acidity in children with catheterization. Sov.med. 25 no.1:99-105 Ja '62.

(MIRA 15:4)

1.Iz kafedry detskikh bolezney Voyenno-meditsinskoy akademii imeni S.M.Kirova (nachal'nik - deystvitel'nyy chlen AMN SSSR prof.

M.S.Maslov [deceased]) i Okruzhnogo voyennogo gospitalya (nachal'nik V.F. Borozenko).

(GASTRIC JUICE)

VISHNEVSKIY, Yu.B., kand.med.nauk

So-called infectious eosinophilosis. Pediatriia no.7:43-47 [61. (MIRA 14:9)

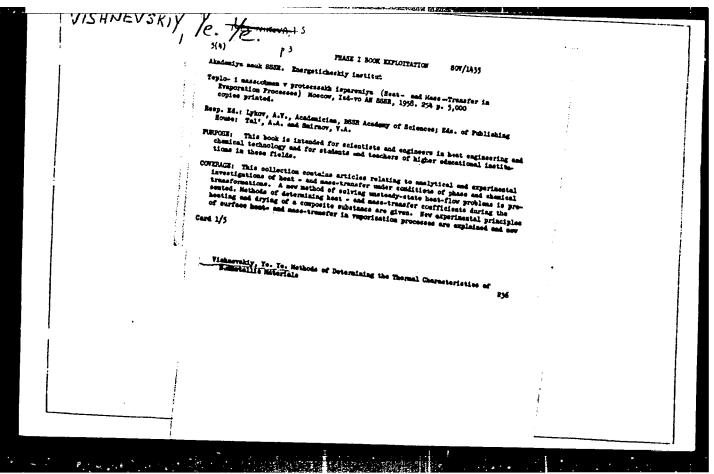
1. Iz kafedry detskikh bolezney Voyenno-meditsinskoy akademii imeni S.M. Kirova (nach. - deystvitel'nyy chlen AMN SSSR prof. M.S. Maslov) i Okruzhnogo voyennogo gospitalya (nach. I.N. Tarasenko).

(EOSINOPHILES)

VISHNEVSKIY, Yu.S. [Vyshenevs'kyi, IU.S.]; SHIROKOV, B.G. [Shyrokov, B.H.]

Manufacture of chrome leather by the liming method without coating. Leh. prom. no.4:24-25 O.P. 162. (MIRA 16:5)

1. Nikolayevskiy kozhevenno-phuvnoy kozhinat (for Vishnevskiy).
2. Ukrainskiy nauchno-issledovatel skiy institut kozhevennoobuvnoy promjehlennosti (for Shirokov).



VISHNEVSKIY, Z.A.; BARINOVA, O.N., red.; TRUSOV, N.S., tekhn. red.

[Repair of cameras] Remont fotoapparatov. Moskve, Gosbytizdat, 1963. 205 p.

(Cameras—Maintenance and repair)

A CONTRACT OF THE PARTY OF THE

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860110002-2"

VISHNEVSKIY, Zakhar Arkad yevich; ZHUROV, V..., retsenzent; BARINOVA, O.N., red.

[Repair of amateur motion-pictures] Remont liubitel'skikh kinos"emochnykh kamer. Moskva, Legkaia industriia, 1965. 186 p. (MIRA 18:2)

BIRYUKOV, Pavel Fedorovich; DOTLIBOV, Artadiy Mikhaylovich; ROMANETS, Tat'yana Yaropolkovna; EPSHTEYN, Vladimir L'wovich; VISHNEVYY, V., red.; YEREMINA, I., tekhn.red.

[Freestanding reinforced-concrete bathrooms; their manufacture and use] Nenesushchie zhelezobetonnye prostranstvennye sanitarno-tekhnicheskie kabiny; opyt izgotovleniia i primeneniia. Kiev, (MIRA 16:6) (Bathrooms)

BOL'SHAKOV, Valeriy Alekseyevich, kand. tekhn. nauk; GORGIKIII,
Anatoliy Vasil'yevich, kand. tekhn. nauk, dots.;
KONSTANTINOV, Yuriy Mikhaylovich, inzh.; KRASHISKIY,
Mikhail Sergeyevich, kand. tekhn. nauk, dots.; POPCV,
Vladimir Nikolayevich, kand. tekhn. nauk, dots.; Frinimal uchastiye DENISENKO, I.D., inzh.; VISHNEYYY, V.V.,
red.

[Collection of problems in hydraulics] Sborn'k zadach to gidravlike. [By] V.A.Bol'shakov i dr. Kiev, Budivel' k, 1964. 291 p.

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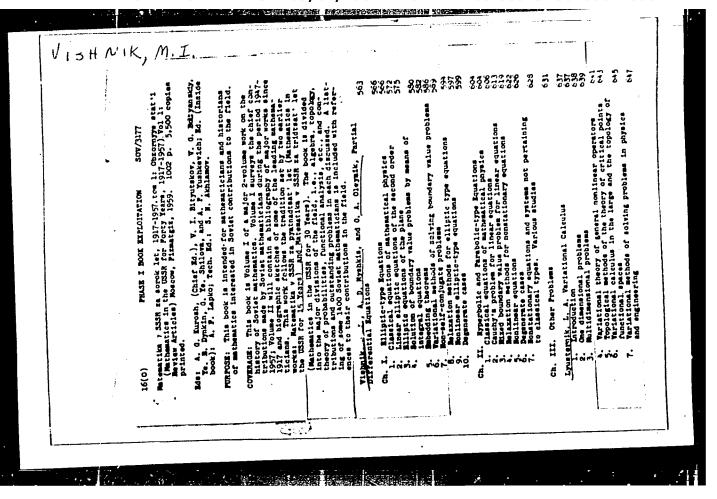
YEKEL'CHIK, Moisey Solomonovich; VISHNEVYY, V.V., red.; YEREMINA, I.A., tekhn. red.

[Concise handbook for the superintendant of construction operations] Kratkii spravochnik proizvoditelia stroitelynykh rabot. Izd.2., perer. i dop. Kiev, Gosstroiizdat nykh rabot. 668 p. (MIRA 16:8) (Construction industry—Handbooks, manuals, etc.)

GRIN', Igor' Mikhaylovich[Hrin', I.M.], dots.; ALEKSANDROVSKIY, O.Ya.
[Aleksandrovs'kyi, O.IA.], red.; VISHNEVYY, V.V. [Vyshnevyi,
V.V.], red.; BABIL'CHANOVA, G.O. [Babil'chanova, H.O.], tekhn.
red.
[Wooden elements]Derev'iani konstruktsii. Kyiv, Dershbudvydav
(MIRA 16:3)
URSR, 1962. 237 p.

(Building, Wooden)

"APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R001860110002-2



VISHNIKIN, Aleksandr Ivanovich, aspirant

Conversion of the equivalent circuit of an asynchronous motor with power supply by an a.c. network. Izv. vys. ucheb. zav.; elektromekh. 3 no.6:73-87 160. (MIRA 15:5)

1. Kafedra elektricheskikh mashin Kiyevskogo politekhnicheskogo instituta.

(Electric motors, Induction)
(Equivalent circuits)

VISHNIKIN, LEKSANDR IVAHOVICH, aspirant

Method for calculating the work characteristics of an asynchronous motor operating in the presence of frequency variations. Izv. vys. ucheb. zav.; elektromekh. 4 no.7:26-40 161. (MIRA 14:7)

1. Kafedra elektricheskikh mashin Kiyevskogo politekhnicheskogo instituta.

(Electric motors, Induction)

### CIA-RDP86-00513R001860110002-2 "APPROVED FOR RELEASE: 09/01/2001

VISHNIOVSKAYA, A.A.

Yeliseyev, V.G. and <u>Vishniovskaya</u>, A.A. "The influence of repeated injections of 'threoidin' on the reactivity of the cell elements of the connective tissues of the white rat", Trudy Cmskogo med. in-ta im. Kalinina, No. 12, 1948, p.121-30.

SO: U-3042, 11 March 53, (Letopis 'zhurnal 'nykh Statey, No. 7 1949).

CONTRACTOR OF THE PROPERTY OF

# BARTENEY, G.M.; VISHNITSKAYA, L.A.

Comparison of various equations for the deformation of network polymers with experimental data. Vysokom.soed. 4 no.9:1324-1332 S 62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti i Problemnaya laboratoriya fiziki polimerov Moskovskogo gosudarstvennogo pedagogicheskogo instituta imeni V.I. Lenina.

(Polymers)

(Elastomers-Testing)

POLICE TO SEATER STATES AND SEATER STATES AND SEATER SEATE

BARTENEV, G.M.; VISNICKAJA, L.A. [Vishnitskaya, L.A.]

Effect of temperature on the relaxation property of rubber polymers. Chem prum 13 no.2:97-99 F '63.

1. Vedeckovyzkumny ustav gumarenskeho prumyslu, Moskva.

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BARTANEV, G.M.; VISHNITSKAYA, L.A.

Rheological properties of polyisobutylene. Vysokom. soed. 6 no.4:751-757 Ap '64. (MIRA 17:6)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institit imeni V.I. Lenina; Nauchno-issledovateliskiy institut rezinovoy promyshlennosti.

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ACCESSION NR: AP4032578	s/0190/64/006/004/0751/0757
AITHUORS. Barteney, G. M.; Vishnitskay	a, L. A.
Trans. Pheological properties of poly	dsoputylene
The shear stress varied between 0.01 to 1400. The shear deformation rates to 1400. The shear deformation rates for small loads (0.014), but they she heavy load (1.0 kg/cm²) cases. Sever	the shearing stress and the temperature cular weight (900 000) polyisobutylene (PIB). and l kg/cm² and the temperature range from 20 and l kg/cm² and the temperature range from time d / dt show a sharp drop in value with time wan equally sharp rise after the drop for the ral empirical and analytical expressions are ited P, e.g.,
	$dt = (P/\eta_0)e^{eP}$ , of PIB as a function of the load P
and an expression for the viscosity of	and the same of th

ACCESSION NR: AP4032578		1
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	dditivity of the logarithm $\frac{ g_1 /c}{ g_2 /c} = \sum  g_{11}(X_1) $	relts indicate that $\eta_0$ and core. Finally, a rule is viscosities of linear polyme
ASSOCIATION: Moskovskiy go:	sudarstvennyky pedagogiches	kiy institut im. V. I. Lenin I'skiy institut rezinovoy the Rubber Industries)
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VISHNITSKAYA, L. A.

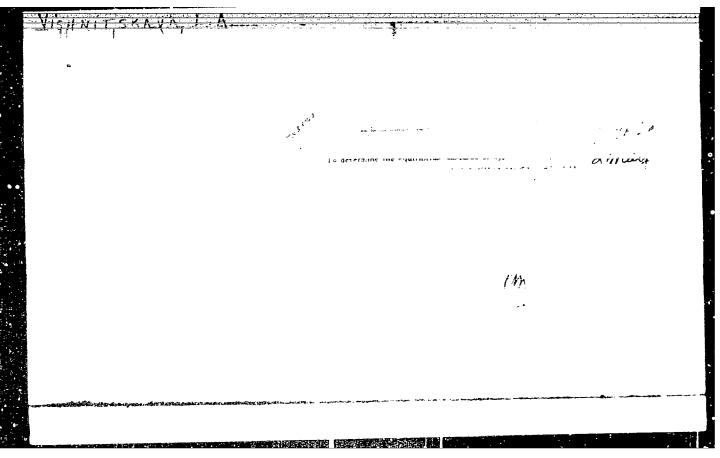
USSR/Physics - Elasticity Rubber Jul 50

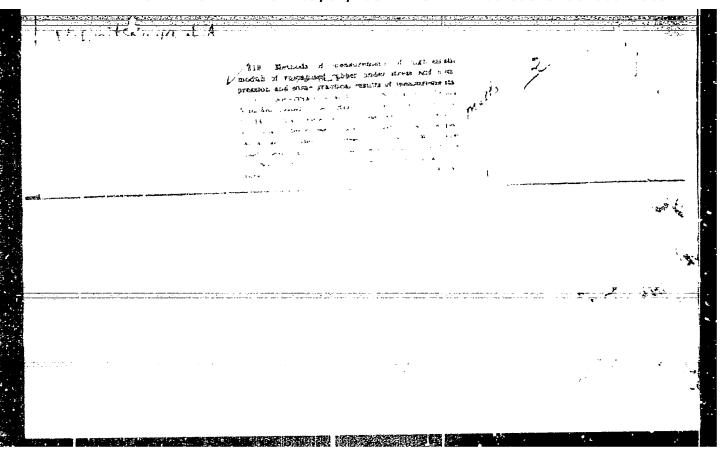
"High-Elastic Properties of Noncrystallizing Rubber," G. M. Bartenev, L. A. Vishnitskaya, Chair of Chem and Phys of Rubber, Moscow Inst of Fine Chem Technol imeni Lomonosov

"Zhur Tekh Fiz" Vol XX, No 7, pp 858-865

Describes method for obtaining equilibrium curves of tension, results of measurements on vulcanizers of butadiene styrol rubber, and comparison of theories of high-elastic deformation with experiments. Submitted 18 Mar 49.

PA 164T69





VICHNITSHAYA, L. A.

Vishnitskaya, L. A.

"The effect of caoutchouc and dispersion fillers on the relaxation and equilibrium properties of rubber." Roscow Inst of Fine Chemical Technology imeni N. V. Lomonosov. Sci Res Inst of the Rubber Industry. Roscow, 1956 (Dissertation for the degree of Candidate in Chemical Sciences)

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Knizhnaya letopis! No. 25, 1956. Moscow

Category: USSR/Atomic and Molecular Physics - Physics of high-molecular substance D-S

Abs Jour: Ref Zhur - Fizika, No 1, 1957 No 1007

: Bartenev, G.M., Vishnitskaya, L.A. Author

: Scientific Research last. of the Rubber Industry, Moscow Inst

: Effect of Dispersed Fillers on the Relaxation Properties of Rubber. Title

Orig Pub: Kolloid. zh., 1956, 18, No 2, 135-144

Abstract : The relaxation of stresses in filled rubber consists of three processes:

relaxation of the chains, relaxation due to the separation of the rubber chains from the filler particles and to the regrouping of the filler particles (relaxation of filler), and chemical relaxation. A prolonged stress relaxation of rubber made of SKS-30 latex with various amounts of active filler (candel lampblack) and inactive filler (chalk) was investigated at a deformation of 100%. It is shown that the relaxation time of the chains and of the chemical relaxation, making it possible to distinguish between these processes. The usually observed relaxation process in rubber with active filler is caused only by the establishment of equilibrium with respect to the

chains.

: 1/1 Card

BARTENEV, G.M.; VISHNITSKAYA, L.A.

Effect of temperature on the viscosity of fluorine-containing rubber. Vysokom. soed. 7 no.11:1905-1907 N 165.

(MIRA 19:1)

1. Nauchno-issledcvatel'skiy institut rezinovoy promyshlennosti. Submitted December 8, 1964.

#### VISHRITSKAYA, L.A.

Physical properties of rubber made from siloxane and fluorinecontaining compounds. Kauch. i rez. 23 no.2:17-20 F '64. (MIRA 17:3)

1. Nauchno-issledovateliskiy institut rezinovoy promyshlennosti.

ACCESSION NR: AP4017163

\$/0138/64/000/002/0017/0020

AUTHOR: Vishnitskaya, L. A.

TITLE: Physical properties of rubbers on siloxane and on fluorine-bearing bases

SOURCE: Kauchuk i rezina, no. 2, 1964, 17-20

TOPIC TAGS: rubber, siloxane, fluorine, rubber property, polymer, rubber SKT, rubber SKF, relaxation, impact modulus, impact deformation, dehermetization, expansion coefficient

ABSTRACT: Results of experiments on the physical properties of filled and unfilled rubbers (with siloxane and fluorine-bearing bases) are presented. Relexation rates, moduli (static, relative-equilibrium, impact), vitrification temperature (static and impact), temperatures of dehermetization and of crystallization, and coefficients of linear expansion were investigated. Rubbers SKT (on siloxane base, unfilled), SKT-n (on siloxane base, titanium-filled), SKF (on fluorine-bearing base, unfilled), and SKF-n (on fluorine-bearing base, carbon-filled) were studied. Relaxation characteristics and the moduli were obtained from the curves of stress relaxation at 20-2000. The relatively slow relaxation rate of rubbers SKT and

Card 1/3

# ACCESSION NR: AP4017163

SKT-n increased because of breaking and regrouping of transverse bonds and of rubber-filler bonds (also of intermolecular bonds in SKF). For SKF-n the relaxation rate was found to be independent of temperature up to 2000. Relativeequilibrium moduli for SKT and SKF are also independent of temperature, while for the filled rubbers they decrease as the temperature rises. For SKF-n this modulus at 2000 is lower than for the corresponding unfilled rubber. The same relationship is true for the static moduli because of the instability of the SKF-carbon black bonds at high temperatures. Titanium filler in SKT-n was found to form more heatresistant bonds than those of SKF-gas black. When the temperature was lowered below 2200 the impact modulus increased, slowly at first, then more rapidly. The temperature at which the change occurred was different for each rubber, and it is higher for SKT and SKT-n than for SKF and SKF-n. Impact moduli are higher for the filled than for the unfilled rubbers. In all cases the temperature of structural vitrification was found to be lower than the temperature of mechanical vitrification. In the interval 0-1250 the coefficient of linear expansion in siloxane rubbers changed twice, while in the fluorine rubbers it changed only once. The dual change in the former type is explained by these rubbers passing from the amorphous state into a partially crystalline and then into a vitreous state. Temperatures of crystallisation and vitrification are lower for the unfilled rubbers than for the filled ones. Temperatures of dehermetization are independent of

Card 2/3

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ACCESSION NR: AP4017163			<u> </u>
compression within the range	of 10-30%. It varies as shown	n below.	
Rubber	Temperature of dehermetization, C	•	
SKT - SKT-n - SKF	• • • • • • 76.0		•
Orig. art. has: 5 graphs an	d 1 table.		•
ASSOCIATION: Nauchno-issled (Scientific Research Institu	ovatel'skiy institut rezinovoy te of the Rubber Industry)	promy*shlennosti	
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Card 3/3			

BARTENEV, G.M.; VISHNITSKAYA, L.A.

Study of the flow of rubberlike polymers by constant rate stretching. Vysokom. soed. 5 no.12:1837-1842 D '63.

(MIRA 17:1)

The second secon

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti i Moskovskiy gosudarstvennyy pedngogicheskiy institut.

Z/009/63/000/002/002/004 E112/E492

AUTHORS:

Bartenev, G.M., Vishnitskaya, L.A.

TITLE:

Effects of temperature on the relaxation properties of

rubber elastomers

PERIODICAL: Chemický průmysl, no.2, 1963, 97-99

Non-filled vulcanizates from natural, butyl, butadienenitrile, butadiene and butadiene-styrene rubbers were tested for sudden stress relaxation properties at 20 and 70°C. relaxation at 20°C is closely connected with the chemical structure of the clastomer. The shortest relaxation periods were shown by natural and butyl rubber, while butadiene-nitrile rubbers took the Butadiene and butadiene-styrene rubbers had inter-Relaxation curves were in agreement with the mediate values. heats of transition of the second order: increase of irregularity of structure, presence of bulky side-chains and polar groups tend to suppress the rearrangement of the elastomer molecules and retard chain relaxation. Stress-relaxation curves at 70°C were entirely different, showing increased relaxation rates, generally about 10 times greater than at 20°C. The stress-relaxation Card 1/2

Z/609/63/ccc/co2/cc2/cc4

Effects of temperature ... F112/2492

curves at 70°C are practically identical for all types of rubber. One can conclude that the rate of chemical bond fission is the same for all rubbers at 70°C. A novel method of plotting the relaxation curves is presented, permitting to establish relaxation equilibria. There are 5 figures.

ASSGCIATION: Vědockovýzkurmý ústav qumárenského průmyslu, Moskva (Scientific Research stitute of the Rubber Tudústry, Moscow)

SUBMITTED: August 1, 1962

Card 2/2

s/190/62/004/009/004/014 B101/B144

AUTHORS:

Bartenev, G. M., Vishnitskaya, L. A.

TITLE:

Comparison of various equations for the deformation of cross-

linked polymers with the experiment

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 9, 1962, 1324-1352 TEXT: A comparison between the published and the experimental data for uncompounded rubbers gave the following results: (1) Up to 30% elongation, the equation of the statistic deformation theory  $\sigma = G(\lambda^2 - 1/\lambda)$  is valid,

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where o is the true stress, G is the shear modulus, and  $\lambda$  is the degree of elongation. (2) Up to 100% elongation, the following single parameter deformation equations apply:  $\sigma = E_{\infty}(\lambda - 1)$ , where  $E_{\infty}$  is the equilibrium modulus of high elasticity, and  $\sigma = A(\lambda - 1/\sqrt{\lambda})$ , where A is a constant proportional to the absolute temperature and dependent on the type of

proportional to the absolute. The elasticity potential  $y = A(\lambda_1 + \lambda_2 + \lambda_3 - 3)$  rubber and density of network. corresponds to the second equation, which therefore is preferable. (3)

Equilibrium stretching below the point of rupture is adequately described. by the two-parameter equations of M. Mooney (J. Appl. Phys., 11, 582,

Card 1/2

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S/190/62/004/009/004/014

Comparison of various equations... B101/B144

1940), G. M. Martin, F. L. Roth, R. D. Stiehler (Trans. Inst. Rubber Industr., 32, 189, 1956) and by the following equation due to G. M. Bartenev, T. N. Khazanovich (Vysokomolek. soyed., 2, 20, 1960): σ = Λ(λ - 1/1λ)[1 + B(λ² + 2/λ) + 2B(λ + 1/(λ)(λ + 2/√λ - 3)], where Λ and B are determined by experiment. There are 8 figures and 2 tables.

ASSOCIATION: NII rezinovoy promyshlennosti (NII of the Rubber Industry). Problemnaya laboratoriya fiziki polimerov MGPI im. V. I. Lenina (Problem Laboratory of Polymer Physics of the MGPI imeni V. I. Lenin)

SUBMITTED: May 20, 1961

PARTENEY, G.M. (Moskva); VISHNITSKAYA, L.A. (Moskva)

Lew of deformations for highly elastic materials. Izv.
AN SSSR. Otd.tekh.navi. oka i maghinostr. no.4:175-277 JJ-Ag
161. (MRA 14:8)

(Deformations (Mechanics))

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5(4)

SOV/69-21-3-24/25

AUTHOR:

Vishnitskaya, L.A.

TITLE:

On the Computation of the Number of Nodes of the Space

Lattice of Elastomers

PERIODICAL:

Kolloidnyy zhurnal, 1959, Vol XXI, Nr 3, pp 370-373

(USSR)

ABSTRACT:

The author reports on her computations of the segment length of various rubber molecules, which are based on the assumption of a dependence (in a proportion of 2 to 3) of the equilibrium modulus E on the number of chains per unit volume of a lattice polymer. From the space lattice deformation theory (see references 1-5) the author deduces the possibility to use the mechanical method for the investigation of the structure (including its changes as due to chemical processes) of polymer space lattices. The essence of the method lies in the measuring of the equilibrium modulus E o, whose value characterizes the density of the space lattice, i.e. the number of chains or the

Card 1/3

SOV/69-21-3-24/25

On the Computation of the Number of Hodes of the Space Lattice of Elastomers

the first of the confederation of the first of the first

number of nodes per unit volume (N or N/2). The computations of the statistical molecule segment lengths of rubber (NK, SKS-30A, SKS-30, SKN-40, 3KN-26, 3KN-18, butyl rubber and SKB) were carried out on the basis of the Bartenev formula. The obtained data are in agreement with the experimental data of W.Kuhn, R. Stein (Soviet scientist) and A. Tobol'skiy (Soviet scientist). In order to render possible the computation of the chain number per unit volume of a space polymer, the author has presented the values of constant C for the investigated rubbers. He expresses his gratitude for the help of Professor G.M. Bartenev. There are 4 graphs and 17 references, 9 of which are Soviet, 7 English and 1 German.

Card 2/3

SOV/69-21-3-24/25

On the Computation of the Number of Nodes of the Space Lattice of Elastomers

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti, Moskva (Scientific Research Institute of the Rubber Industry, Moscow)

8 April, 1959 SUBMITTED:

Card 3/3

L 27313-66 ENT(m)/EWP(j)/1 IJP(c) RM

ACC NR: AP6008970

SOURCE CODE: UR/0190/65/007/011/1905/1907

AUTHORS: Bartenev, G. M.; Vishnitskaya, L. A.

33

ORG: Scientific Research Institute for the Rubber Industry (Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti)

TITLE: Effect of temperature on the viscosity of fluorine-containing rubber

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 11, 1965, 1905-1907

TOPIC TAGS: copolymer, rheologic property, polymer rheology, fluorocarbon plastic, rubber

ABSTRACT: This investigation was conducted to determine the rheological properties of the copolymer chlorotrifluoroethylene-vinylydene fluoride over a range of temperatures 20-200C. The experiments were carried out on the pure copolymer and on mixtures of copolymer and carbon black filler in a PK-1 shear apparatus under conditions of constant velocity gradient. The experimental results are presented graphically. It was found that in the temperature region of 90-130C there exists a temperature anomaly in the viscosity of the copolymer as well as in the copolymer filler mixtures. It is suggested that the optimum temperature region for mechanical treatment of fluorine-containing rubbers lies between 80 and 100C. Orig. art. has: 3 graphs.

SUB CODE: 11/ SUBM DATE: 08Dec64

Card 1/1 0 6

VDC: 678.01:53+678.743

VEROMAN, Viktor Yur'yevich; VISHNITSKIY, A.L., red.

[Strength of tools in electric-spark machining] Stoi-

kost' instrumenta pri elektroerozionnoi obrabotke. Leningrad, 1964. 26 p. (MIRA 17:11)

Property of the second second

ZHANDAROV, Arkadiy Dmitriyevich; VISHEITSKIY, A.L., red.

[Anode-mechanical polishing] Anodno-mekhanicheakoe polirovanie. Leningrad, 1964. 16 p. (MIRA 17:9)

POPILOV, Lev Yakovlevich; VISHNITSKIY, A.L., red.

[Preparation of samples for test operations using electrophysical and electrochemical techniques; verbatim rejort of a lecture] Izgotovlenie obraztsov dlia ispytanii s pomoshch'iu elektrofizicheskikh i elektrokhimicheskikh metodov; stenogramma lektsii. Leningrad, 1963. 46 p. (MIRA 17:5)